

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)		Application Number	10/591,892
		Filing Date	September 7, 2006
		First Named Inventor	Armen N. Akopian
		Group Art Unit	1653
		Examiner Name	Not Assigned

U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
A1	4,868,116	9/19/89	Morgan et al.	435	240.2		
A2	4,897,355	1/30/90	Eppstein et al.	435	240.2		
A3	4,908,286	3/13/90	Vervloet et al.	430	10		
A4	5,565,332	10/15/96	Hoogenboom, et al.	435	69.1		
A5	5,596,079	1/21/97	Smith et al.	530	328		
A6	5,824,520	10/20/98	Mulligan-Kehoe, Mary Jo	435	91.41		
A7	6,031,071	2/29/00	Mandeville et al.	530	300		
A8	6,261,834	7/17/01	Srivastava, Arun	435	320.1		
A9	6,403,316	6/11/02	Skaliter et al.	435	6		

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No
A10	WO 89/007136		8/10/89	Wilson et al.	
A11	WO 90/002806		3/22/90	Danos et al.	

NON-PATENT DOCUMENTS		
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)
A12		Acsadi et al., "Human dystrophin expression in mdx mice after intramuscular injection of DNA constructs," <i>Nature</i> (1991) 352:815-818
A13		Akopian et al., "A tetrodotoxin-resistant voltage-gated sodium channel expressed by sensory neurons," <i>Nature</i> (1996) 379:257-262
A14		Andrews and Tata, "Membrane-bound and free ribosomes in brain and other tissues," <i>Biochem. J.</i> (1972) 127(2):6P (abstract)
A15		Aviv and Leder, "Purification of biologically active globin messenger RNA by chromatography on oligothymidylic acid-cellulose," <i>Proc. Natl. Acad. Sci. USA</i> (1972) 69(6):1408-1412
A16		Berkner et al., "Abundant expression of polyomavirus middle T antigen and dihydrofolate reductase in an adenovirus recombinant," <i>J. Virology</i> (1987) 61:1213-1220
A17		Blobel and Potter, "Studies on free and membrane-bound ribosomes in rat liver. I. Distribution as related to total cellular RNA," <i>J. Mol. Biol.</i> (1967) 26(2):279-292
A18		Bout et al., "Lung gene therapy: In vivo adenovirus-mediated gene transfer to rhesus monkey airway epithelium," <i>Human Gene Therapy</i> (1994) 5:3-10
A19		Brake et al., "A new recombinant DNA strategy for the molecular cloning of rare membrane proteins," <i>Biochem. J.</i> (1990) 267:631-637

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	A20	Brigham et al., "Expression of a prokaryotic gene in cultured lung endothelial cells after lipofection with a plasmid vector," <i>Am. J. Resp. Cell. Mol. Biol.</i> (1989) 1:95-100
	A21	Brown and Burlingham, "Penetration of host cell membranes by adenovirus 2," <i>J. Virology</i> (1973) 12:386-396
	A22	Caillaud et al., "Adenoviral vector as a gene delivery system in cultured rat neuronal and glial cells," <i>Eur. J. Neuroscience</i> (1993) 5:1287-1291
	A23	Cardelli and Pitot, "Isolation and characterization of rat liver free and membrane-bound polysomal messenger ribonucleoprotein particles," <i>Biochemistry</i> (1977) 16(23):5127-5134
	A24	Chardonnet and Dales, "Early events in the interaction of adenoviruses with HeLa cells I. Penetration of Type 5 and intracellular release of the DNA genome," <i>Virology</i> (1970) 40:462-477
	A25	Chen et al., "A P2X purinoceptor expressed by a subset of sensory neurons," <i>Nature</i> (1995) 377:428-431
	A26	Chomczynski and Sacchi, "Single-step method of RNA isolation by acid guanidinium thiocyanate-phenol-chloroform extraction," <i>Anal. Biochem.</i> (1987) 162(1):156-159
	A27	Cohen et al., "An artificial cell-cycle inhibitor isolated from a combinatorial library," <i>Proc. Natl. Acad. Sci. USA</i> (1998) 95:14272-14277
	A28	Cotter and Robertson, "Molecular genetic analysis of herpesviruses and their potential use as vectors for gene therapy applications," <i>Curr. Opin. Mol. Ther.</i> (1999) 5:633-644
	A29	Davidson et al., "Overproduction of polyomavirus middle T antigen in mammalian cells through the use of an adenovirus vector," <i>J. Virology</i> (1987) 61:1226-1239
	A30	Diehn et al., "Large-scale identification of secreted and membrane-associated gene products using DNA microarrays," <i>Nature Genetics</i> (2000) 25:58-62
	A31	Fields and Song, "A novel genetic system to detect protein-protein interactions," <i>Nature</i> (1989) 340:245-246
	A32	Felgner et al., "Lipofection: A Highly Efficient, Lipid-Mediated DNA-Transfection Procedure," <i>Proc. Natl. Acad. Sci. USA</i> (1987) 84:7413-7417
	A33	Gomez-Foix, "Adenovirus-mediated transfer of the muscle glycogen phosphorylase gene into hepatocytes confers altered regulation of glycogen metabolism," <i>J. Biol. Chem.</i> (1992) 267:25129-25134
	A34	Guzman et al., "Efficient gene transfer into myocardium by direct injection of adenovirus vectors," <i>Circulation Research</i> (1993) 73:1201-1207
	A35	Haj Ahmad et al., "Development of a helper-independent human adenovirus vector and its use in the transfer of the herpes simplex virus thymidine kinase gene," <i>J. Virology</i> (1986) 57:267-274
	A36	Hedrick et al., "Isolation of cDNA clones encoding T cell-specific membrane-associated protein," <i>Nature</i> (1984) 308(5955):149-153

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	A38	La Salle et al., "An adenovirus vector for gene transfer into neurons and glia in the brain," <i>Science</i> (1993) 259:988-990
	A39	Lin et al., "Isolation and characterization of a diverse set of genes from carrot somatic embryos," <i>Plant Physiol.</i> (1996) 112(3):1365-1374
	A40	Luzio et al., "Identification, sequencing and expression of an integral membrane protein of the trans-Golgi network (TGN38)," <i>Biochem. J.</i> (1990) 270(1):97-102
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	A42	Mechler, "Isolation of messenger RNA from membrane-bound polysomes," <i>Methods in Enzymol.</i> (1987) 152:241-248
	A43	Mignery et al., "Isolation and sequence analysis of cDNA for the major potato tuber protein, patatin," <i>Nucleic Acids Res.</i> (1984) 12(21):7987-8000
	A44	Morsy et al., "Efficient adenoviral-mediated ornithine transcarbamylase expression in deficient mouse and human hepatocytes," <i>J. Clin. Invest.</i> (1993) 92:1580-1586
	A45	Moullier et al., "Correction of lysosomal storage in the liver and spleen of MPS VII mice by implantation of genetically modified skin fibroblasts," <i>Nature Genetics</i> (1993) 4:154-159
	A46	Müller-Tauberberger et al., "A developmentally regulated gene product from <i>Dictyostelium discoideum</i> shows high homology to human α -L-fucosidase," <i>FEBS Lett.</i> (1989) 246(1-2):185-192
	A47	Mulligan and Berg, "Expression of a bacterial gene in mammalian cells," <i>Science</i> (1980) 209:1422
	A48	Mulligan, "The basic science of gene therapy," <i>Science</i> (1993) 260:926-932
	A49	Rademacher and Steele, "Isolation of undegraded free and membrane-bound polysomal mRNA from rat brain," <i>J. Neurochem.</i> (1986) 47(3):953-957
	A50	Ragot et al., "Replication-defective recombinant adenovirus expressing the Epstein-Barr virus (EBV) envelop glycoprotein gp340/220 induces protective immunity against EBV-induced lymphomas in the cottontop tamarin," <i>J. Gen. Virology</i> (1993) 74:501-507
	A51	Ram et al., "In situ retroviral-mediated gene transfer for the treatment of brain tumors in rats," <i>Cancer Res.</i> (1993) 53:83-88
	A52	Ramsey and Steele, "Quantitative isolation and properties of nearly homogeneous populations of undegraded free and bound polysomes from rat brain," <i>J. Neurochem.</i> (1977) 28(3):517-527
	A53	Ramsey and Steele, "Differences in size, structure and function of free and membrane-bound polyribosomes of rat liver. Evidence for a single class of membrane-bound polyribosomes," <i>Biochem. J.</i> (1977b) 168(1):1-8

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	A55	Rich et al., "Development and analysis of recombinant adenovirus for gene therapy of cystic fibrosis," <i>Human Gene Therapy</i> (1993) 4:461-476
	A56	Roberts and Szostak, "RNA-peptide fusions for the <i>in vitro</i> selection of peptides and proteins," <i>Proc. Natl. Acad. Sci. USA</i> (1997) 94(23):12297-12302
	A57	Roessler et al., "Adenovirus-mediated gene transfer to rabbit synovium <i>in vivo</i> ," <i>J. Clin. Invest.</i> (1993) 92:1085-1092
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	A59	Seth et al., "Evidence that the penton base of adenovirus is involved in potentiation of toxicity of <i>pseudomonas</i> exotoxin conjugated to epidermal growth factor," <i>Mol. Cell. Biol.</i> (1984) 4:1528-1533
	A60	Seth et al., "Role of a low-pH environment in adenovirus enhancement of the toxicity of a <i>pseudomonas</i> exotoxin-epidermal growth factor conjugate," <i>J. Virology</i> (1984) 51:650-655
	A61	Southern and Berg, "Transformation of mammalian cells to antibiotic resistance with a bacterial gene under control of the SV40 early region promoter," <i>J. Mol. Appl. Genet.</i> (1982) 1:327
	A62	Sugden et al., "A vector that replicates as a plasmid and can be efficiently selected in B-Lymphoblasts transformed by Epstein-Barr virus," <i>Mol. Cell. Biol.</i> (1985) 5:410-413
	A63	Sun et al., "Human artificial episomal chromosomes for cloning large DNA fragments in human cells," <i>Nature Genetics</i> (1994) 8:33-41
	A64	Svensson, "Role of vesicles during adenovirus 2 internalization into HeLa cells," <i>J. Virology</i> (1985) 55:442-449
	A65	Wickham et al., "Integrins $\alpha_v\beta_5$ and $\alpha_v\beta_3$ promote adenovirus internalization but not virus attachment," <i>Cell.</i> (1993) 73:309-319
	A66	Wolff et al., "Direct gene transfer into mouse muscle <i>in vivo</i> ," <i>Science</i> (1990) 247:1465-1468
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	A68	Varga et al., "Infectious entry pathway of adenovirus type 2," <i>J. Virology</i> (1991) 65:6061-6070
	A69	Venkatesan and Steele, "Free and membrane-bound polysomes of rat liver: separation in nearly quantitative yield and analysis of structure and function," <i>Biochim. Biophys. Acta.</i> (1972) 287(3):526-537

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	A70	Zabner et al., "Adenovirus-mediated gene transfer transiently corrects the chloride transport defect in nasal epithelia of patients with cystic fibrosis," <i>Cell</i> . (1993) 75:207-216
	A71	Zabner et al., "Safety and efficacy of repetitive adenovirus-mediated transfer of CFTR cDNA to airway epithelia of primates and cotton rat," <i>Nature Genetics</i> (1994) 6:75-83
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